

Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

Philadelphia, 17. March —, 1884.

Sir,

In order to attain the production of about \$1,100,000=Silver pr. month, we must make thirty (30) melts per day. Within working hours, we can only make in 6 furnaces, 5 melts each. In this case we cannot make any nickel (5 ct.) coin, because of imminent risk of mingling Silver and Base coin, grains, to the ruin of the quality of the Silver, and loss of it in the base grains. The only other arrangement that I know of, or can devise, that is practicable, is to make 30 melts of Silver in 3 furnaces (10 melts in each) by overtime, and to make 3 melts in each of 4 furnaces of base metal within the usual working hours. By this arrangement we can make the 30 melts of Silver daily, so as to accomplish the usual government demand of \$1,000,000= silver per month, and

Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

Philadelphia,

, 188

at the same time, over \$3000= of 5¢. coin daily.
By working these two plans alternately, we can
deliver the full tale of silver, and half of the amount
of nickel coin, say an average of \$1500, daily.

Very respectfully

J. H. Booth

M. & R.

Hon. A. Loudon Snowden

Superintendent.

263

Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

March 17, 1884

Jas. C. Booth

Melter and Refiner.

Overtime on Silver
 necessary to get out the
 requisite number of
 Silver & Nickel melts.



No. of Enclosures,

NARA RG104, Entry 1, Box 131

Mint of the United States at Philadelphia,
Melting and Refining Department,
Philadelphia,
March 17, 1884

Sir,

In order to attain the production of about \$1,100,000 Silver pr. month, we must make thirty (30) melts per day. Within working hours, we can only make in 6 furnaces, 5 melts each. In this case we cannot make any nickel (5 ct.) coin, because of imminent risk of mingling silver, and Baser Coin, grains, to the ruin of the quality of the Silver, and loss of it in the baser grains. The only other arrangement that I know of, or can devise, that is practicable, is to make 30 melts of silver in 3 furnaces (10 melts in each) by overtime, and to make 3 melts in each of 4 furnaces of base metal within the usual working hours. By this arrangement we can make the 30 melts of silver daily, so as to accomplish the usual government demand of \$1,000,000 silver per month, and at the same time, over \$3000 of 5¢ coin daily. By working these two plans alternately, we can deliver the full tale of silver, and half of the amount of nickel coin, say an average of \$1500, daily.

Very respectfully
Jas. C. Booth
M & R

Hon. A. Loudon Snowden
Superintendent.